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ANNUAL REPORT
OF THE
FIRE DEPARTMENT
FOR THE YEAR 1961.

BOSTON, February 1, 1962.

HON. JOHN F. COLLINS,
Mayor of Boston.

DEAR SIR:

I have the honor to submit herewith a report of the activities of the Boston Fire Department for the year ending December 31, 1961.

During the period covered by this document Mr. Henry A. Scagnoli was Fire Commissioner from January 1, 1961, to July 12, 1961. I was appointed to the office of Fire Commissioner on July 13, 1961.

Respectfully submitted,

THOMAS J. GRIFFIN,
Fire Commissioner.

H I S T O R Y

FIRE COMMISSIONERS

*1874-1876.	Alfred P. Rockwell.
1877-1879.	David Chamberlain.
1879-1883.	John E. Fitzgerald.
1883-1885.	Henry W. Longley.
1885-1886.	John E. Fitzgerald.
1886-1895.	Robert G. Fitch.
1895-1905.	Henry S. Russell.
1905.	Patrick J. Kennedy. (Acting February 17—March 20.)
1905-1908.	Benjamin W. Wells.
1908-1910.	Samuel D. Parker.
1910.	Francis M. Carroll. (Acting May 27—September 16.)
1910-1912.	Charles C. Daly.
1912-1914.	Charles H. Cole.
1914-1919.	John Grady.
1919-1921.	John R. Murphy.
1921-1922.	Joseph P. Manning. (Acting Nov. 8, 1921—April 1, 1922.)
1922.	William J. Casey. (Acting April 1—August 24.)
1922-1925.	Theodore A. Glynn.
1926.	Thomas F. Sullivan. (Acting January 26—July 6.)
1926-1930.	Eugene C. Hultman.
1930-1933.	Edward F. McLaughlin.
1933-1934	Eugene M. McSweeney. (October 16, 1933—January 5, 1934.)
1934-1938.	Edward F. McLaughlin.
1938-1945.	William Arthur Reilly.
1945-1946.	John I. Fitzgerald. (June 7, 1945—January 7, 1946.)
1946-1950.	Russell S. Codman, Jr.
1950-1953.	Michael T. Kelleher.
1953-1954.	John F. Cotter.
1954-1959.	Francis X. Cotter.
1959.	Timothy J. O'Connor. (March 2—December 31.)
1960-1961	Henry A. Scagnoli.
1961-	Thomas J. Griffin (From July 13, 1961.)

CHIEFS OF DEPARTMENT

1826-1828.	Samuel D. Harris.
1829-1835.	Thomas C. Amory.
1836-1853.	William Barnicoat.
1854-1855.	Elisha Smith, Jr.
1856-1865.	George W. Bird.
1866-1874.	John S. Damrell.
1874-1884.	William A. Green.
1884-1901.	Louis P. Webber.
1901-1906.	William T. Cheswell.
1906-1914.	John A. Mullen.
1914.	John Grady. (1 day.)
1914-1919.	Peter F. McDonough.
1919-1922.	Peter E. Walsh.
1922-1924.	John O. Taber.
1925-1930.	Daniel F. Sennott.
1930-1936.	Henry A. Fox.
1936-1946.	Samuel J. Pope.
1946-1948.	Napeen Boutilier.
1948-1950.	John F. McDonough.
1950-1956.	John V. Stapleton.
1956.	Edward N. Montgomery. (June 6—September 5.)
1956-1960.	Leo C. Driscoll.
1960-	John A. Martin. (From February 1, 1960.)

* Previous to 1874, the Boston Fire Department was in charge of the Chief Engineer.

SPECIAL COMMENTS

1. Fires

During 1961 there were 1,994 fires in buildings. The foregoing is a decrease from the number of building fires which occurred in 1960.

2. Fire Prevention

During the year 1961 the department was awarded a plaque by the National Fire Protection Association for placing first in the Commonwealth of Massachusetts, third among municipalities of over 500,000 in the United States, and fifth among all cities in the nation in a National Fire Prevention Contest held during the year 1960. This, of course, means that we are at the top among cities of the United States in fire prevention activities.

The intense campaign to educate the public in the use of space heaters has been continued. Only one death has been recorded from fires caused by space heaters during the year 1961. During 1959 twelve deaths were caused by defective space heaters, and in 1960 two persons died from this cause.

A microfilm photographic unit was installed in the Fire Prevention Division during the year, reducing the space required for the keeping of thousands of inspection reports and other records.

3. Building Plans

With the cooperation of the Building Commissioner, the Fire Department has been examining all plans for alterations in existing buildings and for new building construction in the city to insure compliance with all fire regulations prior to the issuance of a building permit by the Building Department. During the year 1961 the Fire Prevention Division has examined and approved, or disapproved, approximately 1,000 plans which were submitted by architects and engineers prior to the issuance of a building permit. As a result of the examination of building plans, it is felt that buildings being altered or erected in the City of Boston will be much safer from a fire prevention point of view than was previously the case. Many recommendations were made bearing on fire safety such as the installation of automatic sprinklers, heat detectors, local fire alarm systems in buildings of hazardous occupancy, dormitories, schools, nursing homes, and hospitals.

4. Fire Stations Abandoned

On July 1, 1961, the following fire stations were vacated by the Fire Department, and the companies quartered therein were relocated, with the exception of Engine Company 27, which was deactivated:

Engine Squad 11, Ladder Company 21 — 761 Saratoga Street, East Boston.

Engine Company 27, Ladder Company 9 — 333 Main Street, Charlestown.

Engine Company 43, Ladder Company 20 — 5 Boston Street, South Boston.

Engine Squad 11 was transferred to the quarters of Engine Company 5 at 360 Saratoga Street, while Ladder Company 21 was housed with Engine Company 56 at 1 Ashley Street.

Ladder Company 9 was relocated in the quarters of Engine Company 32 at 440 Bunker Hill Street, Charlestown, while Engine Company 43 and Ladder Company 20 were relocated in the fire station at 900 Massachusetts Avenue.

The foregoing relocations are in line with the consolidation program of the department and will result in the saving of several thousand dollars annually. The relocation of fire fighters and apparatus has not impaired the operating efficiency of the department, and maximum protection is still afforded to the sections of the city in which the changes were made.

5. Training Activities

During the year all officers and members of the Fire Department were given advanced training in fire-fighting operations at the Fire Academy on Moon Island. Over 2,700 members of the Boston Police Department also received instructions in fire prevention and the protection of life and property against the scourge of fire. Key personnel in hospitals, schools, United States Coast Guard, Boston Naval Shipyard, oil companies, industrial plants, and many others received instructions in basic fire safety and fire fighting at the academy.

6. Fire Apparatus

Contracts were awarded in November of 1961 for the furnishing of ten pumping engines, four 100-foot aerial ladder trucks, and two 85-foot aerial ladder trucks to replace old and obsolete equipment. This apparatus when placed in service will increase our operating efficiency at fires and other emergencies.

In Memoriam

Deaths of Active Members During 1961

January 20
ARNOLD N. REIS
Fire Fighter, Engine Company 3

January 23
RICHARD F. CONCANNON
Fire Fighter, Ladder Company 15

February 12
HARRY W. MURPHY
District Chief, District 4

March 13
JOHN D. CASEY
Fire Fighter, Engine Company 40

April 22
CHARLES E. DOHERTY
Storekeeper, Maintenance Division

May 12
DANIEL A. COLLINS
Fire Fighter, Fire Prevention Division

June 6
HENRY M. DURAND
Fire Fighter, Engine Squad 18

July 12
EDWARD P. CONLEY
Fire Fighter, Engine Company 53

July 14
CHARLES J. HURLEY
Fire Fighter, Engine Company 8

August 15
HUGH E. MACKINNON
Fire Fighter, Ladder Company 18

September 29
WILLIAM F. BURKE
Fire Fighter, Ladder Company 11

October 30
JOHN P. MANNING
Senior Fire Alarm Operator, Fire Alarm Division

CITY DOCUMENT No. 11

November 30

CARL S. BOWERS

District Chief, Headquarters Division

December 4

RALPH L. MULLEN

Fire Fighter, Engine Company 54

December 16

WILLIAM J. McMAHON

Fire Fighter, Second Engineer, Engine Company 47

December 25

JOSEPH P. DOYLE

Fire Fighter, Headquarters Division

PERSONNEL

**BOSTON FIRE DEPARTMENT
1961**

Fire Commissioner, HENRY A. SCAGNOLI, to July 13, 1961.

THOMAS J. GRIFFIN, from July 13, 1961.

Chief of Department, JOHN A. MARTIN, from February 1, 1960.

Executive Secretary, WILLIAM D. SLATTERY.

Medical Examiner, EDWARD H. HOMMEL, M.D.

Assistant Fire Chief in Charge of Fire Prevention Division, JOHN E. CLOUGHERTY.

Assistant Fire Chief-Chief of Staff, JOHN F. HOWARD.

Assistant Fire Chief in Charge of Fire-Fighting Force, Personnel, and Training, WILLIAM A. TERRENZI.

Superintendent of Fire Alarm Division, ALBERT L. O'BANION, to September 5, 1961.

J. EDWARD LAUGHLIN, *Temporary Superintendent*, from September 13, 1961.

Superintendent of Maintenance Division, THOMAS F. CONNORS.

Chaplains, RT. REV. MSGR. JOHN J. McMANMON (Catholic); REV. JOHN E. BARCLAY (Protestant); RABBI SAMUEL I. KORFF (Jewish).

**MEDAL OF HONOR MEN
BOSTON FIRE DEPARTMENT — 1961**

“John E. Fitzgerald Medal.”

Awarded to Fire Fighter JAMES J. LOFTUS, Ladder Company 10.

“Walter Scott Medal for Valor.”

Awarded to Fire Fighter JOHN G. KENNEY, Ladder Company 26.

“Patrick J. Kennedy Medal.”

Awarded to Fire Captain THOMAS P. MAGUIRE, Engine Company 12.

ROLL OF MERIT — 1961

Fire Fighter LEONARD A. D'AMICO, Engine Company 12.

Fire Fighters FRANCIS E. CALLAHAN and FRANCIS J. TROY, Ladder Company 24.

Fire Fighter ROBERT F. MACKEY, Engine Company 3.

Fire Fighters FELIX F. COSGROVE and RICHARD T. O'DONNELL, Engine Company 2.

Fire Fighter JOSEPH A. DESMOND, Ladder Company 15.

Fire Fighter WARREN J. CUDMORE, Ladder Company 18.

Fire Fighter WILLIAM J. O'BRIEN, Ladder Company 26.

**APPOINTMENTS — 1961
(Fire-Fighting Division)**

DATE	NAME	ASSIGNMENT
Jan. 18	Thomas P. Connolly	Engine Company 5
Jan. 18	John F. McGrath	Engine Company 5
Jan. 18	Russell J. Sullivan	Engine Company 9
Jan. 18	Richard C. Fergus	Engine Squad 11
Jan. 18	Gerard F. Lynch	Engine Squad 11
Jan. 18	Robert J. Clougherty	Engine Company 33

DATE	NAME	ASSIGNMENT
Jan. 18	Ralph Larato	Engine Company 33
Jan. 18	Edward J. Kavanagh	Engine Company 36
Jan. 18	Edward J. Burke	Engine Company 40
Jan. 18	Edward Monkewicz	Engine Company 40
Jan. 18	Arthur L. Stewart	Engine Company 40
Jan. 18	Robert E. Byrne	Engine Company 41
Jan. 18	Leo W. Natale, Jr.	Engine Company 41
Jan. 18	Robert P. Sullivan	Engine Company 41
Jan. 18	James T. Barrett	Engine Company 50
Jan. 18	Robert L. Mayhew	Engine Company 50
Jan. 18	Daniel P. Murphy	Engine Company 50
Jan. 18	Joseph A. Russell	Engine Company 50
Jan. 18	William P. McDermott	Engine Company 52
Jan. 18	George F. Cataldo	Ladder Company 14
Jan. 18	Richard A. Higgins	Ladder Company 14
Jan. 18	Coleman V. McDonough	Ladder Company 15
Jan. 18	Thomas F. McDonough	Rescue Company

REINSTATEMENT — 1961 (Fire-Fighting Division)

DATE	NAME	ASSIGNMENT
Nov. 22	Dennis F. Leahy	Engine Company 33

STATISTICS

COMPARATIVE FIRE DEPARTMENT EXPENDITURES

	1960	1961
1. PERSONAL SERVICES		
Permanent employees	\$11,959,661 40	\$11,740,807 32
Overtime	336,669 36	286,512 37
Total Personal Services	\$12,296,330 76	\$12,027,319 69
2. CONTRACTUAL SERVICES		
Communications	\$37,679 86	\$37,985 94
Light, heat, and power	87,429 46	86,454 59
Repairs and maintenance of buildings and structures	75,297 99	143,525 85
Repairs and servicing of equipment	67,429 58	74,010 66
Transportation of persons	966 50	1,319 41
Miscellaneous contractual services	14,761 26	24,865 49
Total Contractual Services	\$283,564 65	\$368,161 94
3. SUPPLIES AND MATERIALS		
Automotive supplies and materials	\$93,667 55	\$93,990 63
Food supplies	1 60	—
Heating supplies and materials	71,792 11	75,184 57
Household supplies and materials	14,481 01	14,074 74
Medical, dental, and hospital supplies and materials	1,465 26	1,673 78
Office supplies and materials	24,215 48	23,280 14
Miscellaneous supplies and materials	186,527 95	176,560 94
Total Supplies and Materials	\$392,150 96	\$384,764 80
4. CURRENT CHARGES AND OBLIGATIONS		
Other current charges and obligations	\$13,384 81	\$11,182 61
Total Current Charges and Obligations	\$13,384 81	\$11,182 61
5. EQUIPMENT		
Automotive equipment	\$1,665 74	—
Office furniture and equipment	4,665 21	—
Miscellaneous equipment	67,246 66	\$24,225 31
Total Equipment	\$73,577 61	\$24,225 31
Department Total	\$13,059,008 79	\$12,815,654 35

FIRE DEPARTMENT REVENUE — 1961

Permits for storage of inflammable fluids, certificates of registration, etc.	\$250,428	20
Sale of badges	4	15
Commissions from New England Telephone & Telegraph Company	3,411	83
Damage to apparatus and motor vehicles	4,774	98
Damage to fire alarm boxes	4,222	45
Miscellaneous	139	13
Reimbursement from Commonwealth of Massachusetts for expenditures for fire alarm construction work on John F. Fitzgerald Expressway	854	11
Rental of fire stations	1,201	00
Total	\$265,035	85

FIRE ALARM DIVISION
1961

FIRE ALARM DIVISION

GENERAL SUMMARY OF ALARMS

TOTAL NUMBER OF ALARMS TRANSMITTED
(To Which Apparatus Responded)

	1959	1960	1961
First alarms (boxes).....	11,541	13,462	12,963
Still alarms — NET TOTAL.....	7,517	8,377	8,191
Total alarms — Boston only.....	19,058	20,839	21,154
Mutual aid.....	116	137	140
TOTAL ALARMS.....	19,174	20,976	21,294

TELEPHONE ALARMS

	1959	1960	1961
Alarms received from citizens.....	6,395	6,842	6,746
Per cent of total alarms.....	33.3	30.6	31.7

FALSE ALARMS

	1959	1960	1961
Total false alarms.....	4,262	4,285	4,984
Per cent of total alarms.....	22.2	20.4	23.4

NOTE.—The first electric telegraph system for fire alarms in the world (in Boston) cost \$16,000 and consisted of 40 miles of wire, 45 signal boxes or stations, and 16 alarm bells.

The system was officially accepted by the City of Boston at noon, April 28, 1852, and the first alarm was received from Station 7, District 1 (now Box 1212), at 8.25 P.M., April 29, 1852.

Total box alarms transmitted since April 28, 1852, through December 31, 1961, 473,827

ANALYSIS OF STILL ALARMS

	1959	1960	1961
Received from citizens by telephone.....	6,395	6,842	6,746
Received from Police Department.....	742	1,059	910
Received from Fire Department.....	1,305	1,545	1,525
Boxes received — treated as STILLS.....	167	38	55
Emergency calls — treated as STILLS.....	2,647	2,555	2,539
Received from Boston Automatic Co.*.....	139	182	158
Received from A. D. T.*.....	279	198	253
Received from C. P. S.*.....	7	16	14
GROSS TOTALS.....	11,681	13,435	12,200
DEDUCT			
STILL ALARMS received for which BOX ALARMS were pulled after STILL and BOX ALARMS were transmitted.....	91	111	84
STILL ALARMS received for which BOX ALARMS were transmitted.....	4,073	3,947	3,925
NET TOTAL STILL ALARMS (Boston).....	7,517	8,377	8,191
MUTUAL AID ALARMS.....	116	137	140

* Does Not include alarms received after Still Alarm or after City Box Alarm, in which case no action was taken.

NOTE.—NET TOTAL STILL ALARMS indicates number of alarms for which apparatus was dispatched by telephone without BOX ALARM, and alarms for which Private Company Box only was transmitted, without City Box alarm.

SUMMARY OF ALARMS—BY MONTHS—1961

	Boxes	Stills	Totals
January.....	1,029	597	1,626
February.....	873	472	1,345
March.....	1,133	643	1,776
April.....	1,158	702	1,860
May.....	1,099	740	1,829
June.....	1,007	746	1,753
July.....	982	686	1,668
August.....	1,071	827	1,898
September.....	982	661	1,643
October.....	1,204	702	1,906
November.....	1,246	833	2,079
December.....	1,179	722	1,899
 TOTALS.....	12,963	8,331	21,294

NOTE.—Alarms received from Boston Automatic, A. D. T., C. P. S. or where Private Company box only was transmitted, without City Box, have been included under Still Alarms.

All alarms for Mutual Aid have been included under Still Alarms.

ORIGIN OF ALARMS

	1959		1960		1961	
	No.	Per Cent	No.	Per Cent	No.	Per Cent
Box Alarms.....	7,544	39.34	8,442	40.26	9,009	42.31
Citizens by telephone.....	6,395	33.35	6,842	32.62	6,746	31.68
Boxes received after telephone call.....	91	0.47	111	0.52	84	0.39
Police Department.....	742	3.87	1,059	5.05	910	4.27
Fire Department.....	1,305	6.81	1,545	7.37	1,525	7.16
Boston Automatic Co.....	139	0.72	182	0.87	158	0.74
A. D. T.....	279	1.46	198	0.94	253	1.19
C. P. S.....	7	0.04	16	0.07	14	0.07
Mutual Aid.....	116	0.60	137	0.65	140	0.66
Emergency calls.....	2,647	13.81	2,555	12.18	2,539	11.92
 TOTALS.....	19,174	100%	20,976	100%	21,294	100%

**SUMMARY OF ALARMS
ACCORDING TO FIRE DISTRICTS — 1961**

No.		Boxes	Stills	Totals
1	East Boston	696	474	1,170
2	Charlestown	523	323	846
3	North and West Ends and Business District	752	532	1,284
4	Business District, South End and Back Bay	1,357	775	2,132
5	Back Bay and Roxbury	2,102	884	2,986
6	South Boston	1,010	635	1,645
7	Roxbury and Dorchester North	2,110	1,002	3,112
8	Dorchester	1,149	1,099	2,248
9	Jamaica Plain and Roxbury	1,505	809	2,314
10	Roslindale, West Roxbury, and Hyde Park	849	963	1,812
11	Brighton	910	695	1,605
Totals in Boston		12,963	8,191	21,154
Mutual Aid to adjacent cities and towns		—	140	140
Totals		12,963	8,331	21,294

MUTUAL AID ALARMS

	Response of <i>BOSTON</i> to Outside Cities and Towns					Response of Adjacent Cities and Towns to <i>BOSTON</i>				
	1957	1958	1959	1960	1961	1957	1958	1959	1960	1961
Ayer.....	0	0	0	0	1	0	0	0	0	0
Brookline.....	18	17	27	36	40	138	125	111	135	127
Cambridge.....	8	10	5	12	10	9	4	7	9	8
Chelsea.....	12	7	9	16	16	9	2	3	5	2
Dedham.....	9	6	14	10	7	52	19	18	28	23
Everett.....	4	2	5	3	6	3	1	2	2	3
Hull.....	0	1	0	0	1	0	0	0	0	0
Lynn.....	0	1	1	0	0	0	0	0	0	0
Malden.....	0	0	0	0	1	0	0	0	0	0
Medford.....	1	0	1	0	0	0	0	0	0	0
Melrose.....	0	0	1	0	0	0	0	0	0	0
Milton.....	13	5	5	5	11	3	2	2	1	1
Newton.....	11	16	15	22	12	31	16	18	27	14
Quincy.....	6	3	3	5	1	18	10	14	15	9
Revere.....	0	0	1	1	0	1	0	0	0	0
Somerville.....	32	33	29	27	33	42	42	37	51	45
Winthrop.....	0	1	0	0	1	4	4	9	5	10
TOTALS.....	114	102	116	137	140	310	225	221	278	242

MULTIPLE ALARM FIRES

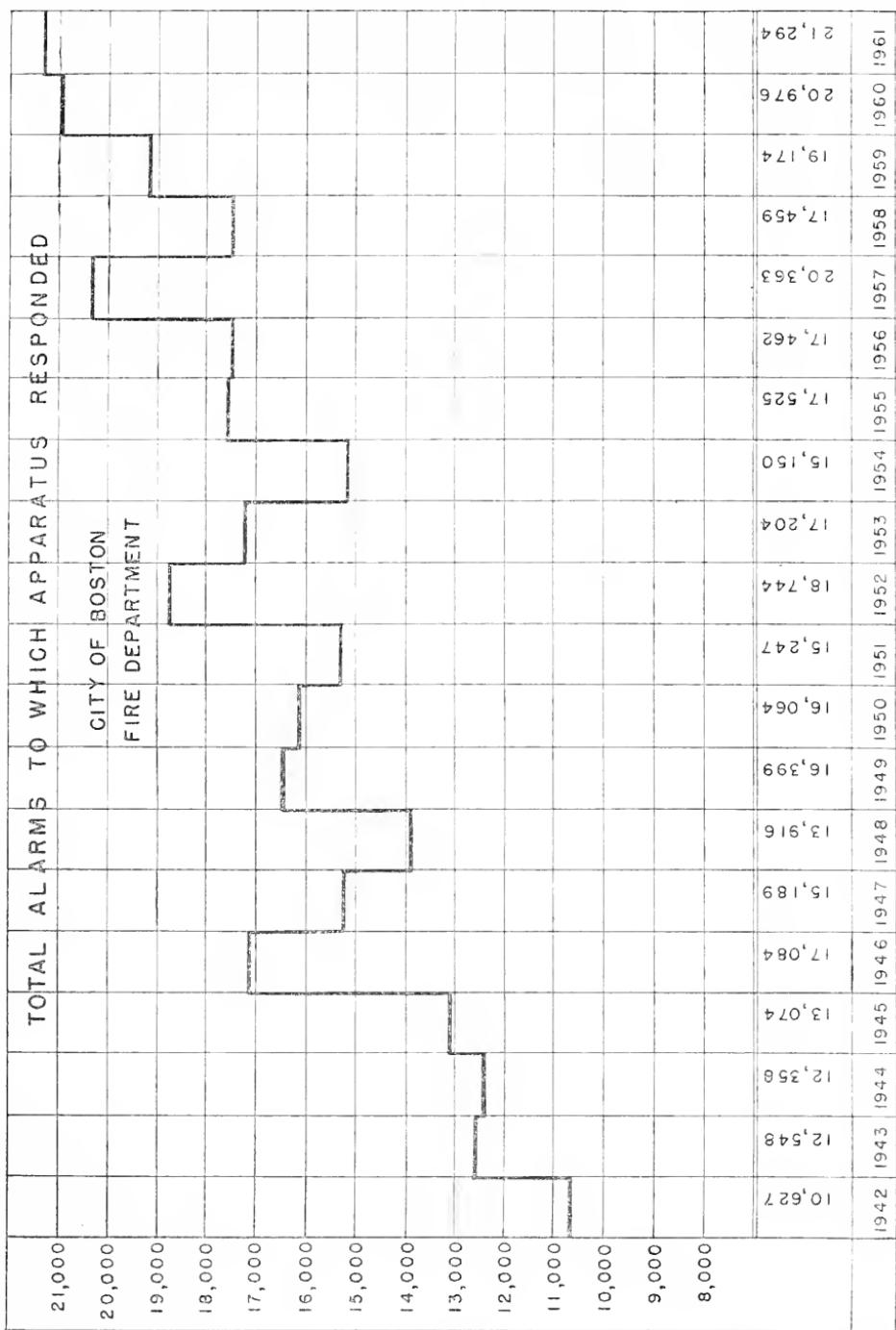
	1957	1958	1959	1960	1961
Two alarms.....	65	47	58	44	65
Three alarms.....	26	23	14	21	13
Four alarms.....	8	1	5	8	8
Five alarms.....	2	2	2	1	0
 Totals.....	 101	 73	 79	 74	 86

SUMMARY OF MULTIPLE ALARM FIRES
ACCORDING TO MONTHS OF THE YEAR — 1961

MONTH	Two Alarms	Three Alarms	Four Alarms	Five Alarms	Total
January.....	10	0	0	0	10
February.....	10	2	0	0	12
March.....	10	2	1	0	13
April.....	4	2	0	0	6
May.....	4	2	1	0	7
June.....	4	2	1	0	7
July.....	5	0	1	0	6
August.....	5	1	1	0	7
September.....	1	0	0	0	1
October.....	2	0	0	0	2
November.....	4	1	3	0	8
December.....	6	1	0	0	7
 Totals.....	 65	 13	 8	 0	 86

SUMMARY OF FIRE ALARM BOXES

Total number of fire alarm boxes in service as of December 31, 1960	2,127
Fire alarm boxes installed January 1, 1961, to December 31, 1961	12
Fire alarm boxes discontinued January 1, 1961, to December 31, 1961	4
NET INCREASE in number of fire alarm boxes.	8
Total number of fire alarm boxes in service as of December 31, 1961	2,135



**DISTRIBUTION OF FIRE ALARM BOXES
DISTRICTS**

District 1	126	District 7	181
District 2	131	District 8	241
District 3	161	District 9	187
District 4	156	District 10	363
District 5	202	District 11	191
District 6	196		

DIVISIONS

Division 1	770
Division 2	1,365

FIRE ALARM BOXES INSTALLED IN 1961

DATE	BOX	DIS- TRICT	LOCATION
Jan. 10	12-3763	10	Fairmount Nursing Home, 172 Fairmount Avenue.
Jan. 24	12-1275	3	U. S. Post Office and Court House, Post Office Square.
Jan. 24	12-4251	2	Navy Yard, Pier 5, Head of Pier, East Side.
Jan. 24	13-4251	2	Navy Yard, Pier 5, Midway on Pier, East Side.
Apr. 25	12-5293	11	Minneapolis-Honeywell Regulator Company, 38 Life Street, Guard Room, Rear.
May 11	13-531	11	Regent Nursing Home, 74 Corey Road.
May 15	13-2712	9	Sophia Snow House, 1215 Centre Street.
Aug. 28	12-5334	11	Rose Finkle Nursing Home, 149 Strathmore Road.
Aug. 30	12-3753	10	Most Precious Blood School, 1288 Hyde Park Avenue.
Oct. 5	12-2354	5	Riverway Manor, Wheelock College, 214 Riverway.
Oct. 10	3637	8	Ormond Street, opposite Outlook Road.
Nov. 9	12-7273	6	American Brush Company, 99 Atkinson Street.

FIRE ALARM BOXES DISCONTINUED IN 1961

DATE	BOX	DIS- TRICT	LOCATION
Apr. 8	12-3175	7	Miner House, 40 Mill Street.
June 19	12-3743	10	St. Raphael's Parochial School, Oak Street.
Sept. 26	12-6221	1	U. S. Naval Stores, McClellan Highway, opposite Addison Street.
Dec. 28	12-1673	4	Louisa M. Alcott School, West Concord Street.

FIRE ALARM BOXES RELOCATED IN 1961

Fire Alarm Box 3635 was relocated and designation changed, as given in General Order No. 43, dated October 26, 1961, viz.:

3635, Hillsboro and Outlook Roads

CHANGE IN DESIGNATION OF FIRE ALARM BOXES IN 1961

GENERAL ORDERS No.	Box No.	GENERAL ORDERS No.	Box No.
1	7435	22	1353
1	12-2165	24	13-3432
2	3663	26	1254
2	3242	28	15-1412
3	13-2184	31	3844
20	13-2136	31	3832
20	2145	35	4151
22	2649	49	12-369

**FIRE ALARM CONSTRUCTION FORCE
UNDERGROUND CONSTRUCTION — 1961**

NUMBER OF CON- DUCTORS	TYPE OF CABLE	INSTALLED		REMOVED	
		Feet of Cable	Feet of Conductors	Feet of Cable	Feet of Conductors
4	Polyethylene P. V. C...	3,920	15,680	280	1,120
4	Rubber-Lead.....	—	—	1,296	5,184
6	Rubber-Lead.....	—	—	5,883	35,298
7	Polyethylene P. V. C...	6,550	45,850	318	2,226
7	Rubber-Lead.....	—	—	1,050	7,350
10	Polyethylene P. V. C...	9,963	99,630	970	9,700
10	Rubber-Lead.....	—	—	1,742	17,420
15	Rubber-Lead.....	—	—	1,118	16,770
19	Polyethylene P. V. C...	2,970	56,430	60	1,140
19	Anhydrex Jacketed....	—	—	520	9,880
19	Rubber-Lead.....	—	—	2,017	33,323
20	Rubber-Lead.....	—	—	150	3,000
37	Polyethylene P. V. C...	5,925	219,225	—	—
37	Rubber-Lead.....	—	—	1,666	61,642
91	Polyethylene P. V. C...	650	59,150	—	—
91	Rubber-Lead.....	—	—	570	51,870
Totals.....		29,978	495,965	17,640	260,923

OVERHEAD CONSTRUCTION — 1961

	Installed Feet	Removed Feet
No. 10 Copper Weld T. B. W. P. "Duraline"	2,020	—
No. 9 T. B. W. P. Galvanized	—	28,340
No. 14 Twisted Pair—Weatherproof	150	1,095
2 Cond. No. 14 Anhydrex Jacketed	—	225
4 Cond. No. 14 Nonmetallic	—	2,600
4 Cond. No. 14 Polyethylene P. V. C.	6,545	1,295
6 Cond. No. 14 Nonmetallic	—	1,760
7 Cond. No. 14 Polyethylene P. V. C.	5,585	—
10 Cond. No. 14 Polyethylene P. V. C.	25	—
19 Cond. No. 14 Nonmetallic	—	1,200
Totals	14,325	36,515
 Knockdowns Attended to		148
Multiple Alarms Responded to		88
Fire Alarm Boxes Installed		15
Line Construction: Removals, Installations, Transfers, Slack Hauled, etc.		299 Poles

FIRE PREVENTION DIVISION
1961

ANNUAL REPORT OF DAILY RECEIPTS — FIRE PREVENTION DIVISION — YEAR 1961

Month	Permits Inflammable Fluids	License Renewals	License Transfers	Burner Installations	Open-Air Fires	Blasting Permits	Gas Tank Removals	Sprinkler Permits	Decora- tive Materials	White Applications	Total
January.....	\$1,053 00		\$105 00	\$2 00	\$385 00	\$367 00	\$15 00	\$45 00	\$45 00	\$676 00	\$2,681 00
February.....	729 00	184 50	1 00	267 00	357 00	20 00	30 00	25 00	29 00	490 00	2,132 50
March.....	2,006 00	21,114 00	4 00	295 00	392 00	50 00	6 00	20 00	93 00	1,028 00	25,008 00
April.....	89,654 60	52,964 00	21 00	331 00	125 00	55 00	12 00	—	9 00	2,358 00	145,529 60
May.....	13,534 00	8,414 00	23 00	362 00	556 50	45 00	21 00	10 00	51 00	1,995 00	25,011 50
June.....	5,063 00	4,278 00	13 00	469 00	473 50	35 00	12 00	15 00	68 00	1,752 50	12,179 00
July.....	3,910 00	760 00	14 00	428 00	413 50	60 00	6 00	10 00	55 00	1,262 00	6,918 50
August.....	2,965 00	559 00	8 00	603 00	328 50	65 00	6 00	10 00	36 00	1,534 00	6,114 50
September.....	2,744 00	190 50	2 00	707 00	339 00	35 00	—	15 00	41 00	1,743 50	5,817 00
October.....	2,899 00	158 00	3 00	933 00	453 50	55 00	39 00	15 00	40 00	1,854 00	6,449 50
November.....	4,144 00	248 00	2 00	1,065 00	224 50	35 00	45 00	65 00	49 00	1,998 00	7,875 50
December.....	2,854 00	60 00	2 00	464 00	123 00	45 00	—	15 00	35 00	1,485 00	5,083 00
	\$131,555 60	\$89,035 00	\$95 00	\$6,309 00	\$4,153 00	\$615 00	\$195 00	\$215 00	\$551 00	\$18,176 00	\$250,799 60

SUMMARY OF INSPECTIONS AND INVESTIGATIONS — 1961

INSPECTION FORCE 1961 — FIRE PREVENTION DIVISION

Number of complaints received	1,711
Number of inspections made	44,517
Number of abatement orders issued	5,788
Number of corrections and reinspections made	5,753
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	57,769

PLACES OF ASSEMBLY

Places of assembly inspected	4,781
Number of corrections made	990
Number of abatement orders issued	86
Certificates of analysis approved	330
Certificates of flameproofing approved	271
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	6,458

INSPECTIONS BY FIRE COMPANY OFFICERS AND FIREFIGHTERS

Building inspections	48,210
Reinspections	2,800
Theaters	12,410
Schoolhouses	6,827
Public buildings	6,510
Oil farms	79
Carhouses	69
New installations — oil burner inspections	2,396
Flammable fluids, storage facilities, etc.	3,290
Open-air fires	403
Tank removals	65
License renewals, inflammables, garages, etc.	2,650
Parking lots	398
License petitions (location approvals)	160
Blasting	103
Boarding homes for children, day nurseries, boarding homes for aged, convalescent homes, etc., hospitals, institutions, etc.	970
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	87,340
Total inspections and reinspections	151,567
Conditions referred to other departments (written)	955

FIRE DRILLS

Schools	2,801
Theaters	361
Hospitals, institutions, etc.	1,045
Industrial and mercantile establishments	940

SCHOOL PROGRAM

Number of school visits made	539
Number of pupils spoken to (all visits)	36,390

ARSON SQUAD ACTIVITIES — 1961

Undetermined fires	221
Suspicious fires	19
Causes given but investigated	116
Multiple alarms	83
Deaths	21
Injuries	83
Arrests	14
Grand Jury indictments	2
Municipal Court cases	25
Municipal Court convictions	2
Superior Court cases	11
Gas odors investigated	104
Fire prevention inspections	508
Bomb scares	5
Explosions	2

CASUALTY REPORT AND REASON

	INJURIES	DEATHS
Careless disposal of cigarette	14	
Careless smoking	15	2
Children and matches	4	1
Cleaning with gas	1	
Explosion	3	
Explosion, gas	1	
Explosion, tar kettle	1	
Flash back	1	
Flooded oil burner		1
Gas leak	1	
Hot grease on kitchen stove	1	
Ignition of cement	3	
Ignition of flammable liquid	1	
Inflammable fluid ignited by pilot light	1	
Inflammable fluid spilled and ignited	1	
Rubbish	2	
Short circuit	2	
Suicide attempt	1	
Smoker's article	1	
Smoking in bed	5	5
Undetermined	24	12
	—	—
	83	21

CHEMICAL LABORATORY
Summary of Analyses and Tests — 1961

Number of certificates of analysis issued	357
Flash points	9
Inspections	10
Building Department tests	5
Total fees collected	\$551

PHOTOGRAPHIC LABORATORY
Summary of Activities — 1961

Arson	246
Accidents	93
Department activities	109
Public relations	18
Fire prevention	175
Multiple alarms	83
I. D. photos	45
Number of negatives	5,296
Number of prints	8,279

CITY DOCUMENT No. 11

COMPLAINTS RECEIVED AT FIRE PREVENTION DIVISION — 1961

MONTH	Telephone	Counter	LETTER			Totals
			Public	Health	Building	
January.....	76	8	7	2	—	93
February.....	88	5	9	2	—	104
March.....	99	19	8	—	—	126
April.....	90	11	10	3	4	118
May.....	102	19	11	7	5	153
June.....	109	19	12	3	3	146
July.....	104	22	10	7	2	148
August.....	139	13	13	—	—	165
September.....	80	24	15	10	8	144
October.....	76	8	6	1	1	92
November.....	99	10	8	—	—	117
December.....	88	9	9	1	1	108
Totals.....	1,150	167	118	36	24	1,514

ORDERS ISSUED AND CONDITIONS REFERRED TO OTHER DEPARTMENTS — 1961

Month	Abatement Orders	Service Orders	Building	Health	Other	Total
January.....	407	22	52	12	—	493
February.....	492	27	106	29	—	654
March.....	419	24	105	27	—	575
April.....	430	21	73	15	1*	540
May.....	568	19	53	18	1†	659
June.....	495	18	58	15	—	586
July.....	543	22	49	14	—	628
August.....	533	21	56	10	—	620
September.....	509	25	43	6	1*	584
October.....	406	30	59	3	—	498
November.....	492	10	55	9	—	566
December.....	494	8	75	10	—	587
Totals.....	5,788	247	784	168	3	6,990

* Real Property

† Park Department

**ANALYSIS OF FIRES
IN BUILDINGS
AND CAUSES OF FIRES**

ANALYSIS OF FIRES IN BUILDINGS FOR YEAR 1961

Construction of Buildings

Fire-resistive	.	.	.	.	.	.	.	227
Second-class	.	.	.	.	.	.	.	962
Third-class	.	.	.	.	.	.	.	763
Other type	.	.	.	.	.	.	.	42
Total	.	.	.	.	.	.	.	1,994

Point of Origin

Basement	.	.	.	.	.	.	.	367
First floor	.	.	.	.	.	.	.	635
Second floor	.	.	.	.	.	.	.	357
Third floor	.	.	.	.	.	.	.	226
Above the third	.	.	.	.	.	.	.	137
Roof	.	.	.	.	.	.	.	52
Outside	.	.	.	.	.	.	.	220
Total	.	.	.	.	.	.	.	1,994

Extent of Fire

Confined to point of origin	.	.	.	.	.	.	.	943
Confined to buildings	.	.	.	.	.	.	.	983
Extended to other buildings	.	.	.	.	.	.	.	68
Total	.	.	.	.	.	.	.	1,994

Causes of Fires in Buildings — 1961

Defective chimney	.	.	.	.	.	.	.	32
Sparks from chimney on roof	.	.	.	.	.	.	.	4
Defectively installed heater	.	.	.	.	.	.	.	16
Rubbish near heater	.	.	.	.	.	.	.	2
Hot ashes	.	.	.	.	.	.	.	9
Fuel oil burner	.	.	.	.	.	.	.	98
Starting fires — kerosene or gasoline	.	.	.	.	.	.	.	3
Careless smoking	.	.	.	.	.	.	.	945
Children and matches	.	.	.	.	.	.	.	105
Other careless use of matches	.	.	.	.	.	.	.	7
Defective wiring	.	.	.	.	.	.	.	116

Electric appliances and motors	. . . . .	95
Home dry cleaning	. . . . .	8
Flammable liquids near flame	. . . . .	7
Kerosene lamps, stoves	. . . . .	2
Grease, food on stove	. . . . .	27
Clothes, furniture too near fire	. . . . .	14
Spontaneous ignition	. . . . .	19
Fireworks	. . . . .	1
Thawing water pipes	. . . . .	9
Sparks from machines	. . . . .	18
City gas and appliances	. . . . .	21
Miscellaneous known causes	. . . . .	166
Malicious mischief	. . . . .	52
Incendiary or suspicious	. . . . .	17
Unknown	. . . . .	201
 Total	. . . . .	1,994

Causes of Outdoor Fires — 1961

Rubbish	. . . . .	3,041
Dump	. . . . .	85
Brush or grass	. . . . .	2,202
Other outdoor	. . . . .	613
Marine	. . . . .	8
Automobile	. . . . .	1,142
 Total	. . . . .	7,091
 Rescue (emergency calls)	. . . . .	4,978
Out-of-city calls	. . . . .	156

